Discipline: Fire Science

Date Accepted: 2/24/2015
Renewal due during: Spring 2017

Articulation Request and Agreement

This request and agreement is submitted for consideration of the following course as an articulated course at Columbia College. Students would receive course credit at Columbia College.

Directions:
1. Use a separate form for each course.
2. Attach the course outline for the course.
3. Attach the course final if course is to be considered for credit.
4. Mail to: Dean of Instructional Services, Career Technical Education
   11600 Columbia College Drive
   Sonora, CA 95370

Completed by High School Instructor

High School/ROP: Mariposa County High School

Contact Information:
Instructor Name: Alfred Brondolo
Telephone Number: 925-699-7781 - Cell
Email address: awjbrondolo@ebglobal.net
Address: 5074 Old Highway N
          Mariposa, CA 95338

High School / ROP Course Title: Firefighter I

High school / ROP Course Description:
This is a course that provides an introduction and orientation to the fire service, and it provides an overview to fire protection and career opportunities in the fire service and related fields. It covers general philosophy and the history of fire protection and fire loss analysis; it also covers organization and function of public and private fire protection service; fire departments as part of a local government; laws and regulations affecting the fire service; basic fire chemistry and physics; introduction to fire strategy and tactics; fire prevention measures; firefighter safety and survival; incident command; building construction; low angle rope rescue; hose, nozzles, & appliances; and Wildland firefighting. Students will be expected to achieve competency in these disciplines.

<table>
<thead>
<tr>
<th>College Course Title</th>
<th>Fire I</th>
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<tbody>
<tr>
<td>College Units:</td>
<td>3</td>
</tr>
<tr>
<td>HS/ROCP Credits:</td>
<td>20</td>
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<tr>
<td>College Prerequisite(s):</td>
<td>None</td>
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<tr>
<td>HS/ROCP Prerequisite(s):</td>
<td>None</td>
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## Course Content
- Orientation and Fire Service History
- Firefighter Safety & Health
- Fire Department Communications
- Building Construction
- Fire Behavior
- Firefighter Personal Protective Equipment
- Portable Fire Extinguishers
- Ropes, Knots, & Webbing
- Firefighter Safety & Survival
- Search & Rescue
- Vehicle Extrication
- Forcible Entry
- Ground Ladders
- Tactical Ventilation
- Water Supply
- Hose, Nozzles, & Fittings
- Fire Control
- Salvage & Overhaul
- Fire Investigation
- Fire Protection Systems
- Wildland Firefighting
- Incident Command System (ICS)
- Fire Streams

## Competencies and Skill Requirements (Use additional pages as necessary)

*At the conclusion of this course, the student should be able to:*

The ability to have basic knowledge and pass a written test of: Fire history; Firefighter Safety; Fire Behavior; Building Construction; Personal Protective Equipment; Fire Control; Hose, nozzles and fittings; Communications; ICS; Salvage and Overhaul; Ropes and Knots; Search and Rescue; Water Supply; Vehicle Extrication; Ground Ladders and Ventilation. The student must pass a written test with a grade of "C" or higher to be eligible for college credit.
Measurement Methods (include any industry certification or licensure):
Successful students will receive the following certifications in Structural and Wildland Firefighting.
Oral Interview Skill Preparation
HAZ-MAT FRO
Confined Space Awareness
Wildland S-190
Wildland L-180
F-STEP Auto Extrication
CPR Certification
In order to receive Fire-1 Columbia College Credit the student must: Pass the final exam administered by the Columbia College faculty with a "C" or better.

Sample Textbooks or Other Support Materials (including Software):

<table>
<thead>
<tr>
<th>CC faculty Signature:</th>
<th>Date: 2-16-15</th>
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[Office use only.]
TOPs Code: [Office use only.]
Internal Tracking Number:

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Completed by Columbia College

This portion is completed after CC faculty and H.S. faculty meet and agree on the terms of the articulation agreement.

Department faculty: ☑ Approved ☐ Not Approved
Dean: ☑ Approved ☐ Not Approved
CTE Transition Officer: ☑ Approved ☐ Not Approved
Admissions & Records notification: ☑ date: 3-3-15
High school notification: ☑ date: 3-3-15